(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 October 2004 (14.10.2004)

PCT

(10) International Publication Number WO 2004/087325 A3

(51) International Patent Classification7: 5/72, 5/08, 5/26

B03B 9/00,

(21) International Application Number:

PCT/IB2004/050386

(22) International Filing Date:

2 April 2004 (02.04.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2003/2617

3 April 2003 (03.04.2003)

- (71) Applicant (for all designated States except US): IE-TEC LICENSING LIMITED [MU/MU]; 1st Floor Fairfax House, 21 Mgr Gonin Street, Port Louis (MU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BROSSEUK, Raymond, Brian [CA/CA]; 1810 Maley Road, Revelstoke, British Columbia V03 2SO (CA). OPPENHEIMER, Greig [ZA/US]; 2565 Broadway # 123, New York, NY 10025 (US).

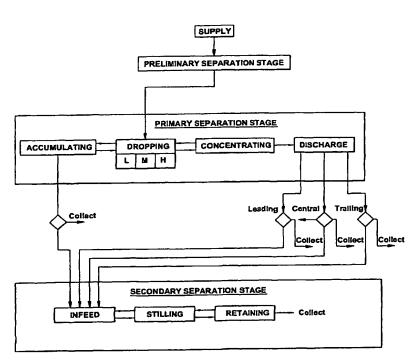
- (74) Agent: D, M, KISCH, INC; P.O. Box 781218, 2146 Sandton (ZA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT. AU. AZ. BA. BB. BG. BR. BW. BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: HEAVY PARTICLE SEPARATION



(57) Abstract: A method of heavy particle separation, including a primary separation stage which includes the steps of dropping, accumulating, concentrating and discharging of heavy particles and/or a secondary separation stage for concentrating heavy particles which includes the steps of infeeding, stilling and retaining such particles.



WO 2004/087325 A3



(88) Date of publication of the international search report: 20 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.